

OIPE

RAW SEQUENCE LISTING

DATE: 12/17/2001

PATENT APPLICATION: US/10/010,065

TIME: 11:35:20

Input Set : A:\R-648 Final Sequence listing for submission.txt

Output Set: N:\CRF3\12172001\J010065.raw

Does Not Comply
Corrected Diskette Needed

4 <110> APPLICANT: Allen, Keith D.
 5 Matthews, William
 6 Moore, Mark
 8 <120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING GLUCAGON
 9 RECEPTOR GENE DISRUPTIONS
 12 <130> FILE REFERENCE: R-648
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/010,065
 C--> 15 <141> CURRENT FILING DATE: 2001-12-05
 17 <150> PRIOR APPLICATION NUMBER: US 60/251,804
 18 <151> PRIOR FILING DATE: 2000-12-06
 20 <150> PRIOR APPLICATION NUMBER: US 60/266,044
 21 <151> PRIOR FILING DATE: 2001-02-01
 23 <160> NUMBER OF SEQ ID NOS: 6
 25 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

206 <210> SEQ ID NO: 6
 207 <211> LENGTH: 477
 208 <212> TYPE: PRT
 209 <213> ORGANISM: Homo sapiens
 211 <400> SEQUENCE: 6
 212 Met Pro Pro Cys Gln Pro Gln Arg Pro Leu Leu Leu Leu Leu Leu Leu
 213 1 5 10 15
 214 Leu Ala Cys Gln Pro Gln Val Pro Ser Ala Gln Val Met Asp Phe Leu
 215 20 25 30
 216 Phe Glu Lys Trp Lys Leu Tyr Gly Asp Gln Cys His His Asn Leu Ser
 217 35 40 45
 218 Leu Leu Pro Pro Pro Thr Glu Leu Val Cys Asn Arg Thr Phe Asp Lys
 219 50 55 60
 220 Tyr Ser Cys Trp Pro Asp Thr Pro Ala Asn Thr Thr Ala Asn Ile Ser
 221 65 70 75 80
 222 Cys Pro Trp Tyr Leu Pro Trp His His Lys Val Gln His Arg Phe Val
 223 85 90 95
 224 Phe Lys Arg Cys Gly Pro Asp Gly Gln Trp Val Arg Gly Pro Arg Gly
 225 100 105 110
 226 Gln Pro Trp Arg Asp Ala Ser Gln Cys Gln Met Asp Gly Glu Glu Ile
 227 115 120 125
 228 Glu Val Gln Lys Glu Val Ala Lys Met Tyr Ser Ser Phe Gln Val Met
 229 130 135 140
 230 Tyr Thr Val Gly Tyr Ser Leu Ser Leu Gly Ala Leu Leu Leu Ala Leu
 231 145 150 155 160
 232 Ala Ile Leu Gly Gly Leu Ser Lys Leu His Cys Thr Arg Asn Ala Ile
 233 165 170 175
 234 His Ala Asn Leu Phe Ala Ser Phe Val Leu Lys Ala Ser Ser Val Leu
 235 180 185 190

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236 Val Ile Asp Gly Leu Leu Arg Thr Arg Tyr Ser Gln Lys Ile Gly Asp
237      195      200      205
238 Asp Leu Ser Val Ser Thr Trp Leu Ser Asp Gly Ala Val Ala Gly Cys
239      210      215      220
240 Arg Val Ala Ala Val Phe Met Gln Tyr Gly Ile Val Ala Asn Tyr Cys
241 225      230      235      240
242 Trp Leu Leu Val Glu Gly Leu Tyr Leu His Asn Leu Leu Gly Leu Ala
243      245      250      255
244 Thr Leu Pro Glu Arg Ser Phe Phe Ser Leu Tyr Leu Gly Ile Gly Trp
245      260      265      270
246 Gly Ala Pro Met Leu Phe Val Val Pro Trp Ala Val Val Lys Cys Leu
247      275      280      285
248 Phe Glu Asn Val Gln Cys Trp Thr Ser Asn Asp Asn Met Gly Phe Trp
249      290      295      300
250 Trp Ile Leu Arg Phe Pro Val Phe Leu Ala Ile Leu Ile Asn Phe Phe
251 305      310      315      320
252 Ile Phe Val Arg Ile Val Gln Leu Leu Val Ala Lys Leu Arg Ala Arg
253      325      330      335
254 Gln Met His His Thr Asp Tyr Lys Phe Arg Leu Ala Lys Ser Thr Leu
255      340      345      350
256 Thr Leu Ile Pro Leu Leu Gly Val His Glu Val Val Phe Ala Phe Val
257      355      360      365
258 Thr Asp Glu His Ala Gln Gly Thr Leu Arg Ser Ala Lys Leu Phe Phe
259      370      375      380
260 Asp Leu Phe Leu Ser Ser Phe Gln Gly Leu Leu Val Ala Val Leu Tyr
261 385      390      395      400
262 Cys Phe Leu Asn Lys Glu Val Gln Ser Glu Leu Arg Arg Arg Trp His
263      405      410      415
264 Arg Trp Arg Leu Gly Lys Val Leu Trp Glu Glu Arg Asn Thr Ser Asn
265      420      425      430
266 His Arg Ala Ser Ser Ser Pro Gly His Gly Pro Pro Ser Lys Glu Leu
267      435      440      445
268 Gln Phe Gly Arg Gly Gly Gly Ser Gln Asp Ser Ser Ala Glu Thr Pro
269      450      455      460
270 Leu Ala Gly Gly Leu Pro Arg Leu Ala Glu Ser Pro Phe
271 465      470      475

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E--> 276 1

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/010,065

DATE: 12/17/2001

TIME: 11:35:21

Input Set : A:\R-648 Final Sequence listing for submission.txt

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L:14 M:270 C: Current Application Number differs, Replaced Current Application Number

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:276 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:6